

Converting Colors

Hex(5A1B69)

Have a look what the booklet for
Hex(5A1B69) contains.

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Color

Hex(5A1B69)

Conversions

Conversions Part 1

Format	Color
Hex	5A1B69
RGB	90, 27, 105
RGB Percent	35%, 11%, 41%
CMY	0.6471, 0.8941, 0.5882
CMYK	0.14, 0.74, 0.00, 0.59
HSL	288°, 59%, 26%
HSV	288°, 74%, 41%
XYZ	7.1582, 3.9774, 13.7550
YIQ	54.7290, 12.5100, 37.6140

Conversions

Conversions Part 2

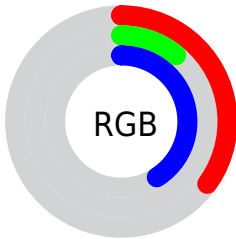
Format	Color
RYB	90, 27, 105
Decimal	5905257
CIELab	23.60, 40.47, -32.08
CIElCh	24, 51.648, 321.597
Yxy	3.9774, 0.2876, 0.1598
Android (android.graphics.Color)	4284095337 (0xFF5A1B69)
YUV	54.7290, 24.7836, 30.9327
Hunter-Lab	19.9435, 29.1665, -26.9318

Details

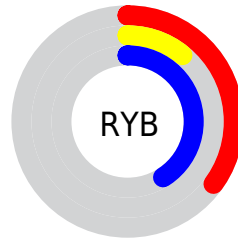
The Hex color **5A1B69** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2A691B**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **8F4D9D**, and **290039** is the 20% darker color. If you saturate the color by 10%, you get **581169**, and if you desaturate by 10%, it is **5C2669**.

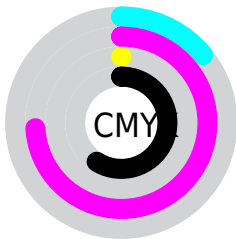
Distribution



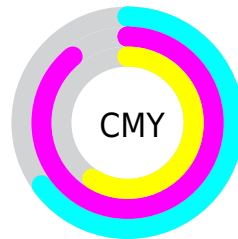
- Red (35%)
- Green (11%)
- Blue (41%)



- Red (35%)
- Yellow (11%)
- Blue (41%)



- Cyan (14%)
- Magenta (74%)
- Yellow (0%)
- Black (59%)



- Cyan (65%)
- Magenta (89%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A1B69 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5A1B69 by changing the saturation by 10% instead.

■ 5A1B69

■ 5A1B69

FFFFFF

■ 410050

■ 8F4D9D

■ 290039

■ AA66B8

■ 080023

■ C681D4

■ 000009

■ E39BF0

■ 000000

■ FFB7FF

■ FFD3FF

■ FFEFFF

■ 5A1B69

■ 5A1B69

■ 581169

■ 5C2669

■ 560669

■ 5E3069

■ 550069

■ 603B69

■ 624569

■ 645069

■ 665A69

■ 686569

■ 6A6F69

■ 6C7A69

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



013381



5A1B69



750045

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5A1B69



4F3300



004854

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5A1B69



2A691B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00472C



5A1B69



2C3E00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5A1B69



6A1E00



004400



004775

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5A1B69



79002B



004400



004847

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5A1B69



846B8A



1B2B69



413345



C4C4C4



454545

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5A1B69



720F8A



691B52



353036



5F0075



C600F5

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



691B2A



8A0F27



1B6932



363031



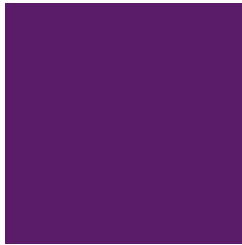
750017



F5002F

Previews

White Background



This preview shows how the Hex color 5A1B69 looks on a white background.

Color Contrast Check

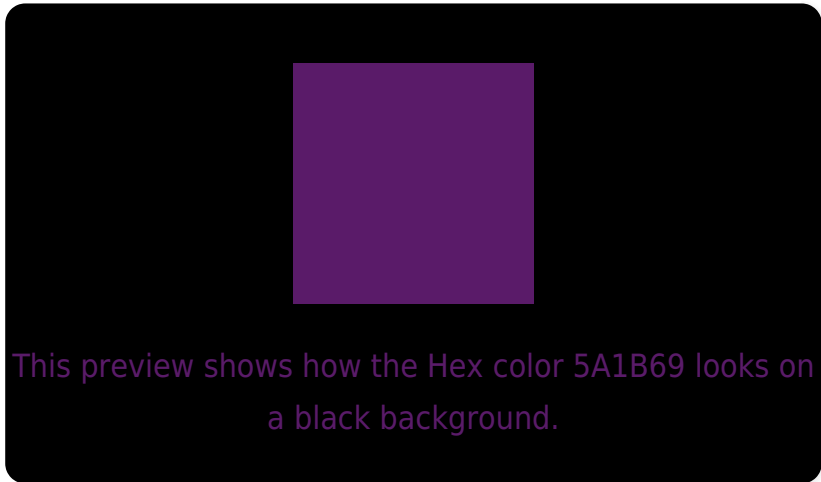
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

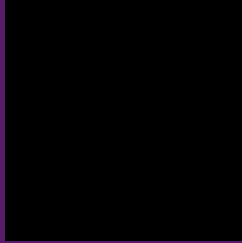
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5A1B69 Background



This preview shows how black text looks on a background with the Hex color 5A1B69.



This preview shows how white text looks on a background with the Hex color 5A1B69.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
5A1B69

Protanopia
003776

Deuteranopia
183A64



Tritanopia
532F32

Trichromacy



Original Color
5A1B69



Protanomaly
212D71



Deuteranomaly
302F66



Tritanomaly
562846

Monochromacy



Original Color
5A1B69



Achromatopsia
373737



Achromatomaly
442D49

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A1B69 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5A1B69 looks like.

```
.text, #text, p{  
    color:#5A1B69  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5A1B69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A1B69
}
```

Border

The CSS property to change the border of an element to Hex 5A1B69 is called "border". The border property can be set on classes, ids or directly on the HTML element.

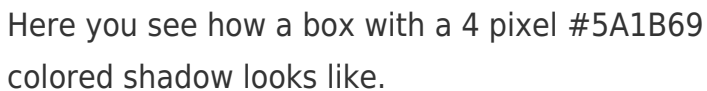
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A1B69 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5A1B69 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #5A1B69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A1B69; -webkit-box-shadow:4px 4px  
4px 4px #5A1B69; box-shadow:4px 4px 4px  
4px #5A1B69 }
```

Background

The CSS property to change the background color of an element to Hex 5A1B69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A1B69 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5A1B69 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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